

# Abstracts

## Calculation of Intercavity Coupling Coefficient for Side Coupled Standing Wave Linear Accelerator (Short Papers)

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*R. Roy and O. Shanker. "Calculation of Intercavity Coupling Coefficient for Side Coupled Standing Wave Linear Accelerator (Short Papers)." 1993 Transactions on Microwave Theory and Techniques 41.6 (Jun./Jul. 1993 [T-MTT] ): 1233-1235.*

Expressions are developed for the main to side cavity coupling coefficient of a side coupled standing wave linac structure and for the shift in cavity resonant frequency produced by the coupling iris. The theoretical predictions show reasonable agreement with the measured values.

[Return to main document.](#)